A1569
A1575

2- PL B764
2-HT BOLT 1 X 5 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-7 3/4 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

(FIN. 17TH FLOOR)
(FIN. 19TH FLOOR)

22'-0

3'-6

5 1/2

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4 1-1 1/4

1-2 5/16 1-2 5/16

A767 (NS)

B767

B767

A

A

B

B

+FB, 12, HT BOLT 1 X 4 1/2, 490, F., A
1-PL A752

+FB, 12, HT BOLT 1 X 4 1/2, 490, F., A
1-PL A752

5/8 FILLS

5/8 FILLS

1-L AD (NS)

AB1306 (FS)

W 36 3/4 X 210 GIRDER A

W 36 3/4 X 210 GIRDER B

HOLES (1DIA A490)

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

AC1306 (FS)

HOLES (1DIA A490)

503=1'-6

503=1'-3

1'-2 1/4

1'-2 5/16

1'-5 5/16

1'-5 1/4

+FB, 12, HT BOLT 1 X 3 3/4, 490, F., A
1-PL A752

1-0 13/16 1-0 13/16

+FB, 12, HT BOLT 1 X 3 3/4, 490, F., A
1-PL A752

G768 (NS)

BOTH FLGS

BOTH FLGS

18'-5 11/16

16'-5 11/16

1-L A768

1-PL A767

1-2 1/2

3'-6 7/8

2-PL B767

AD

1-MC-G768

1-L AC1306
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L AB1306

DRILLED HOLE

A763

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1'-9 7/8

9 7/8

21'-6 1/2

21'-6 7/8

15 7/8X31

20'-2 5/8

18'-5 1/8

(FIN 16TH FLOOR)
(FIN. 18TH FLOOR)

9'3

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4 1-1 1/4

1-2 5/16 1-2 5/16

A767 (NS)

B767

B767

A

A

C

C

B

B

+FB, 12, HT BOLT 1 X4 1/2, 490, F., A
1-PL A752

+FB, 12, HT BOLT 1 X 4 1/2, 490, F., A
1-PL A752

5/8 FILLS

5/8 FILLS

1-L AD (NS)

AB1306 (FS)

W 36 3/4 X 210 GIRDER A

W 36 3/4 X 210 GIRDER B

HOLES (1DIA A490)

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

AC1306 (FS)

HOLES (1DIA A490)

503=1'-6

503=1'-3

1'-2 5/16

1'-5 5/16

1'-5 1/4

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

1-0 13/16 1-0 13/16

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

G768 (NS)

BOTH FLGS

BOTH FLGS

5'-8 11/16

1-L A768

1-PL A767

10'-0 7/8

11'-0 7/8

2-PL B767

AD

1-L AC1306
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L AB1306

1-MC-G768

X 7/8 SLOTS

1'-9 7/8

9 7/8

8'-9 1/2

8'-9 7/8

15 7/8X31

7'-5 5/8

5'-8 1/8

(FIN. 15TH FLOOR)
(FIN. 17TH FLOOR)

3-6

MILL

1-7 5/8

GA=11 1/2

GA=11 1/2

3 1/2

WEST

3 1/2

383=9

HOLES (1DIA.A490)

+FB, 16, HT BOLT 1 X 5 3/4, 490, F., A
+FB, 6, HT BOLT 1 X 5 3/4, 490, F., A

A1568
A1569

COL 17

COL 17

*DIV 1715, A1569, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4,

*DIV 1915, A1569, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4,

(W 19 5/8 X 17 X 2 3/16 @ 500)

MATERIAL

: 2, PI 005 00 X00 1/2, X 1-9 1/2, A753, 44W, , , , A
: 8, PI 012 00 X00 3/4, X 1-9 1/2, A752, 44W, , , , A
: 2, PI 005 00 X00 1/2, X 1-6 1/2, C753, 44W, , , , A
: 2, PI 017 7/8 X00 1/2, X 2-4 00, A767, 44W, BENT, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-10 3/4, B767, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-1 1/2, A763, 44W, , , , A
: 2, PI 010 00 X00 5/8, X 1-2 00, B764, 44W, , , , A
1: 2, 9MCX25.4, X1-10 00, G768, A36, , P217, 2, , A
2: 2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, , , , A
: 2, L 4 X 4 X 3/8, X 1-0 1/2, AB1306, 44W, , , , A
: 2, L 6 X 4 X 3/4, X 1-0 1/2, AC1306, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 2, HT BOLT 1 X 5 1/4, , , 490, , , , A
: 2, HT WASHER 1 , , , 325, , , , A

+FB, 144, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 39-0 00, , A
: 1, 1F 3/8, X 6-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 1G 5/8, X 8-0 00, , A

1 1/8 X 15/16 SLOTS

503=1'-3 1-2 5/16 1-2 5/16 503=1'-3

AB1306

P.P.

A752

AD

A752

SECTION C-C

CLARIFICATION OF DIMS. FOR HOLES IN L'S AB1306 & AC1306

COL.

COL. WEB

AC1306

HLS.

A753

C753

(3)

(3)

1-0 13/16 1-0 13/16

SECTION B-B

TYP

TYP

A767

B767

B767

TYP

SECTION A-A

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1A6'S E16, E17, E18, E19, 9104, 9102, E117, E118A, CW-1

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.

SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

FOR 1 DIA A490

June 12/85

R	3	DATE	BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED	
E	2	DATE	BY	HOLES	1 3/16 D1A U/N		
V	1	DATE OG JUNE 85'	BY MK	FINISH	NONE	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
MADE 27 MIKIM		DATE 31MAY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG. NO. 1569
CHK'D 28 JEB		DATE 06JUN85		DETAIL: COLUMNS (9&10TH TIER) (ZONE 2)			